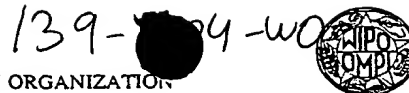


PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : A61K 31/4453, 31/12, 31/055, 31/00, A61P 37/00		A1	(11) International Publication Number: WO 00/69439 (43) International Publication Date: 23 November 2000 (23.11.00)
(21) International Application Number: PCT/DK00/00253 (22) International Filing Date: 12 May 2000 (12.05.00) (30) Priority Data: PA 1999 00659 12 May 1999 (12.05.99) DK (71) Applicant (for all designated States except US): NEUROSEARCH A/S [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK). (72) Inventors; and (75) Inventors/Applicants (for US only): JENSEN, Bo, Skaaning [DK/DK]; Neurosearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). OLESEN, Søren, Peter [DK/DK]; Neurosearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). CHRISTOPHERSEN, Palle [DK/DK]; Neurosearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). (74) Common Representative: NEUROSEARCH A/S; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).			(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
(54) Title: CHEMICAL COMPOUNDS HAVING ION CHANNEL BLOCKING ACTIVITY FOR THE TREATMENT OF IMMUNE DYSFUNCTION			
(57) Abstract The present invention relates to chemical compounds having inhibitory activity on an intermediate conductance Ca ²⁺ activated potassium channel (IK _{Ca}), and the use of such compounds for the treatment or alleviation of diseases or conditions relating to immune dysfunction.			